



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 16-01-2024

Test No: 1652

Weather: Cloudy

Sl No.	Water Quality Parameters	Units	Frequency	BDS for Drinking Water (ECR-1997)	Instrument / Method	River Water	IPR Water	Raw water	Post-sedimentation / Pre-filters Water	Post-filters / Pre-Treated Water	Post-Treated Water
						Sampling Time: 11:15 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM	Sampling Time: 11:40 AM	Sampling Time: 11:50 AM	Sampling Time: 12:00 PM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			20.5	21.4	21.2	20.9
2	pH		day	6.5-8.5				8.05	7.88	7.69	7.61
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	58.5	13.4	13.2	1.74	0.37	0.09
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			77	9	5	0
5	Suspended Solid	mg/L	day	...				49	8	8	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			30	30		
8	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	174.4	175.5				
Remark:											